Mechanical Engineer

**Job Description:** Plan and design engines, machines, and other mechanical equipment.

**What does a Mechanical Engineer do?**

* Design roller coasters and other amusement park rides.
* Design surgical robots that improve precision and reduce incision size, blood loss, pain, and healing time.
* Design carbon fiber prosthetic blades for high-speed running.
* Investigate equipment failures and difficulties to diagnose problems and make recommendations for maintenance.
* Design equipment using computer aided design (CAD) programs and build the components using machine shop tools.
* Analyze structures for properties such as strength, weight, fatigue, and vibration to determine their safety.

**Outlook: Green**

Average Salary - $37.03 hourly, $77,020 annual

Projected Job Openings – 75,700 over the next 10 years

**Your Interests:**

* Are you good at math?
* Are you creative?
* Do you like to solve problems?
* Are you interested in how things work?
* Are you good at working with a team?

**Education/Program of Study:**

* Minimum Bachelor’s Degree in Mechanical Engineering